

COPY

PATENT
ATTORNEY DOCKET NO: 079771

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ACTIVE MATRIX DISPLAY AND FORMING METHOD THEREOF

the specification of which

☒ is attached hereto.

☐ was filed on February 15, 1996 as Application Serial No. 08/601,956

☐ and was amended on _____

☐ was described and claimed in PCT International Application No. _____

filed on _____ and as amended under PCT Article 19 on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

COUNTRY	APPLICATION NO.	FILING DATE	PRIORITY CLAIMED
<u>JAPAN</u>	<u>7-50527</u>	<u>February 15, 1995</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<u>JAPAN</u>	<u>7-87369</u>	<u>March 20, 1995</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<u>JAPAN</u>	<u>7-349669</u>	<u>December 20, 1995</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Scott C. Harris Reg. No. 32,030; William E. Booth, Reg. No. 28,933; Barry E. Bretschneider, Reg. No. 28,055; John W. Freeman, Reg. No. 29,066; Timothy A. French, Reg. No. 30,175; Alan H. Gordon, Reg. No. 26,168; John F. Land, Reg. No. 29,554; John B. Pegram, Reg. No. 25,198; Rene D. Tegtmeyer, Reg. No. 33,567; Hans R. Troesch, Reg. No. 36,950; Dorothy P. Whelan, Reg. No. 33,814; Charles C. Winchester, Reg. No. 21,040.

Address all telephone calls to Scott C. Harris at telephone number 202/783-5070.

Address all correspondence to Scott C. Harris, Fish & Richardson P.C., 601 13th Street NW, Washington, D.C. 20005.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: Shunpei YAMAZAKI

Inventor's Signature: *Shunpei Yamazaki* Date: May 29, 1996

Residence Address: Tokyo, Japan

COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUED

Citizen of: Japanese

Post Office Address: 4-10-20, Seijo, Setagaya-ku, Tokyo 157 Japan

Full Name of Inventor: Jun KOYAMA

Inventor's Signature: Jun Koyama Date: May 29, 1996

Residence Address: Kanagawa, Japan

Citizen of: Japanese

Post Office Address: 1-4-23, Nishi-Hashimoto, Sagami-hara-shi, Kanagawa-ken
229 Japan

Full Name of Inventor: Yuji KAWASAKI

Inventor's Signature: Yuji Kawasaki Date: May 29, 1996

Residence Address: Kanagawa, Japan

Citizen of: Japanese

Post Office Address: Flat Atsugi 208, 931-1, Hase, Atsugi-shi, Kanagawa-ken
243 Japan

Full Name of Inventor: Toshimitsu KONUMA

Inventor's Signature: Toshimitsu Konuma Date: May 29, 1996

Residence Address: Kanagawa, Japan

Citizen of: Japanese

Post Office Address: 4-20-7, Tomuro, Atsugi-shi, Kanagawa-ken 243 Japan

Full Name of Inventor: Satoshi TERAMOTO

Inventor's Signature: SATOSHI TERAMOTO Date: May 29, 1996

Residence Address: Kanagawa, Japan

Citizen of: Japanese

Post Office Address: Flat SEL-B 205, 304-1, Hase, Atsugi-shi, Kanagawa-ken 243
Japan

Full Name of Inventor: Yoshiharu HIRAKATA

Inventor's Signature: Yoshiharu HIRAKATA Date: May 29, 1996

Residence Address: Kanagawa, Japan

Citizen of: Japanese

Post Office Address: GRACEWOOD HOUSE 201, 306, Hase, Atsugi-shi, Kanagawa-ken
243 Japan

COPY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Shunpei Yamazaki, et al. Art Unit : 2871
Serial No. : 10/037,103 Examiner : Kenneth Parker
Filed : December 31, 2001 Confirmation No.: 5974
Title : AN ACTIVE MATRIX DISPLAY DEVICE WITH LIQUID CRYSTAL HAVING
SEALING MATERIAL THAT COVERS AN INTEGRATED CIRCUIT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

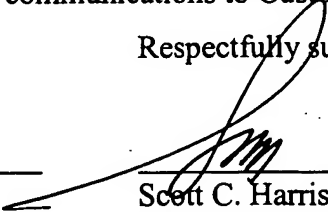
ASSOCIATE POWER OF ATTORNEY

Please recognize John F. Hayden, Reg. No. 37,640; James E. Mrose, Reg. No. 33,264; Phyllis K. Kristal, Reg. No. 38,524; W. Karl Renner, Reg. No. 41,265; Gregory A. Walters, Reg. No. 41,366; Diana DiBerardino, Reg. No. 45,653; Joseph F. Key, Reg. No. 44,827; Harold H. Fox, Reg. No. 41,498; Scott R. Boalick, Reg. No. 42,337; Mark E. Wadzyk, Reg. No. 45,187; Benjamin D. Driscoll, Reg. No. 41,571; Ruffin B. Cordell, Reg. No. 33,487; Michael McKeon, Reg. No. 37,888; Linda Liu Kordziel, Reg. No. 39,732; Lauren A. Degnan, Reg. No. 40,584; Joseph V. Colaianni, Jr., Reg. No. 39,948; William G. Hughes, Jr., Reg. No. 46,112; William E. Booth, Reg. No. 28,933; John W. Freeman, Reg. No. 29,066; Timothy A. French, Reg. No. 30,175; G. Roger Lee, Reg. No. 28,963; John B. Pegram, Reg. No. 25,198; Thomas A. Rozylowicz, Reg. No. 50,620; Kevin Greene, Reg. No. 46,031; Barbara V. Benoit, Reg. No. 54,777; Brian T. Racilla, Reg. No. 54,382 and John E. Mauk, Reg. No. 54,579, as my associate attorneys/agents in the above application, with full powers.

Please direct all future official communications to Customer No. 26171.

Respectfully submitted,

Date: 1/26/03



Scott C. Harris
Reg. No. 32,030

Fish & Richardson P.C.
4350 La Jolla Village Drive, Suite 500
San Diego, CA 92122
Telephone: (858) 678-5070/Facsimile: (858) 678-5099



COPY
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 11, 1996

PTAS

FISH & RICHARDSON
SCOTT C. HARRIS
4225 EXECUTIVE SQUARE
SUITE 1400
LA JOLLA, CA 92037

RECEIVED

OCT 21 1996

FISH & RICHARDSON, P.C.
LA JOLLA, CA



UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/03/1996

REEL/FRAME: 8055/0170
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
YAMAZAKI, SHUNPEI

DOC DATE: 05/29/1996

ASSIGNOR:
KOYAMA, JUN

DOC DATE: 05/29/1996

ASSIGNOR:
KAWASAKI, YUJI

DOC DATE: 05/29/1996

ASSIGNOR:
KONUMA, TOSHIMITSU

DOC DATE: 05/29/1996

ASSIGNOR:
TERAMOTO, SATOSHI

DOC DATE: 05/29/1996

ASSIGNOR:
HIRAKATA, YOSHIHARU

DOC DATE: 05/29/1996

ASSIGNEE:
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.
398, HASE, ATSUGI-SHI
KANAGAWA-KEN 243, JAPAN

* No Docketing Required	
Reviewed By Practice Systems	
Initials:	<i>BJS</i>
Reviewed By Billing Secretary	
Initials:	<i>KCC</i>

8055/0170 PAGE 2

SERIAL NUMBER: 08601956
PATENT NUMBER:

FILING DATE: 02/15/1996
ISSUE DATE:

DIANE RUSSELE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

BEST AVAILABLE COPY

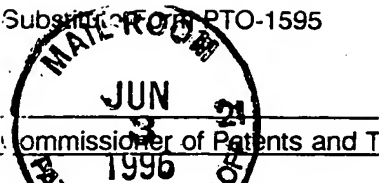
08-05-1996

Attorney Docket No.: 07977/005001

ER SHOT

-Y

original document.



100244524

1. Name of conveying party(ies):
Shuhei Yamazaki, Jun Koyama,
Yuji Kawasaki, Toshimitsu Konuma,
Satoshi Teram t , Y shiharu Hirakata

2. Name and address of receiving party(ies):
Semic nductor En rgy Laborat ry Co., Ltd.
398, Has , Atsugi-shi, Kanagawa-k n 243 Japan

Additional name(s) attached? ☐ Yes ☒ NoAdditional names/addresses attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other:

Execution Date: May 29, 1996

67479 U.S. PTO



07/15/96

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No.(s):

B. Patent No.(s):

08/601,956

Additional numbers attached? ☐ Yes ☒ No

5. Name/address of party to whom correspondence concerning document should be mailed:

Scott C. Harris
Fish & Richardson P.C.
4225 Executive Square, Suite 1400
La J lla, CA 92037

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41): \$40

- ☒ Enclosed
☐ Authorized to charge deposit account

8. Deposit account number: 06-1050

If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

DO NOT USE THIS SPACE

9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.*

Scott C. Harris

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

Date of Deposit

MAY 31 1996

I hereby certify under 37 CFR 3.41(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Kimberlee C. Casillas

BEST AVAILABLE COPY

FISH & RICHARDSON P.C.

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to:

Semiconductor Energy Laboratory Co., Ltd.

having the address: 398, Hase, Atsugi-shi, Kanagawa-ken 243 Japan

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the Title:

Attorney Docket No:

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.

Filing Date:

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue application or in any amendments, extension or interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

2. The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

3. The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

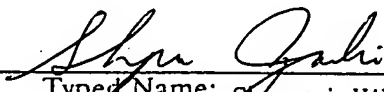
4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of Fish & Richardson P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

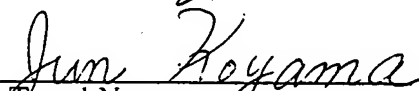
May 29, 1996

Date


Typed Name: Shunpei YAMAZAKI

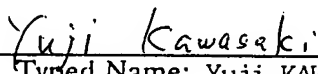
May 29, 1996

Date


Typed Name: Jun KOYAMA

May 29, 1996

Date


Typed Name: Yuji KAWASAKI

May 29, 1996

Date


Typed Name: Toshimitsu KONUMA

May 29, 1996

Date

SATOSHI TERAMOTO
Typed Name: Satoshi TERAMOTO

May 29, 1996

Date


Typed Name: Yoshiharu HIRAKATA